

FIG. 1

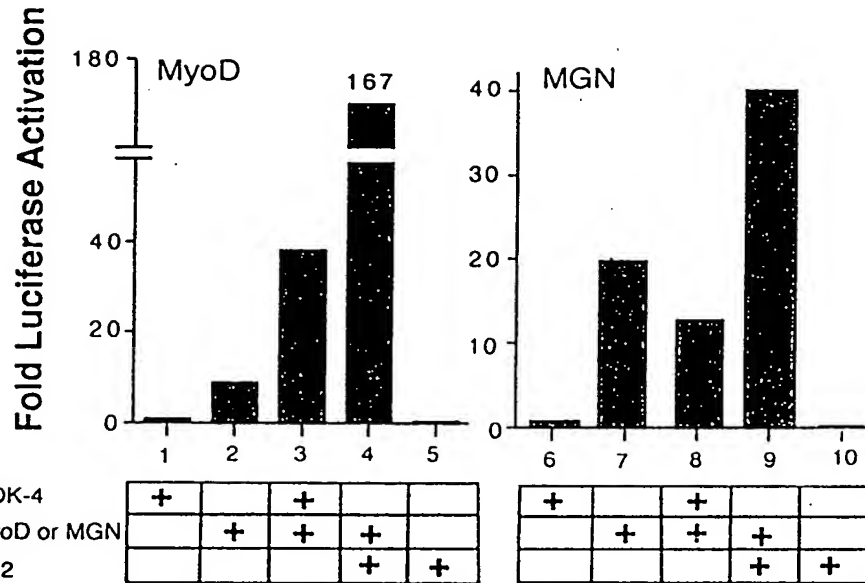


FIG. 2

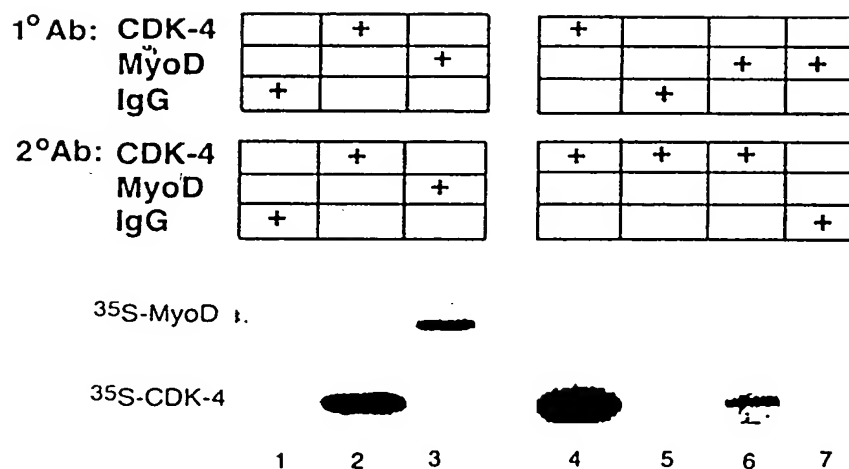
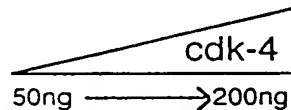


FIG. 3

10018964-041102

MyoD	+	+	+	+
E12	+	+	+	+
CDK-4		+	+	+

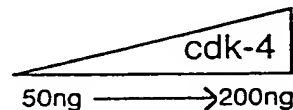


MyoD/E12
MyoD/MyoD



1 2 3 4

MGN	+	+	+	+
E12	+	+	+	+
CDK-4		+	+	+



MGN/E12

MGN/MGN



5 6 7 8

FIG. 4

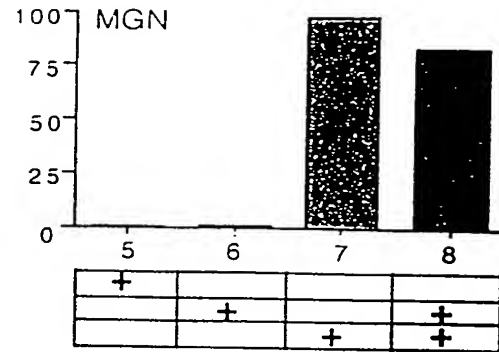
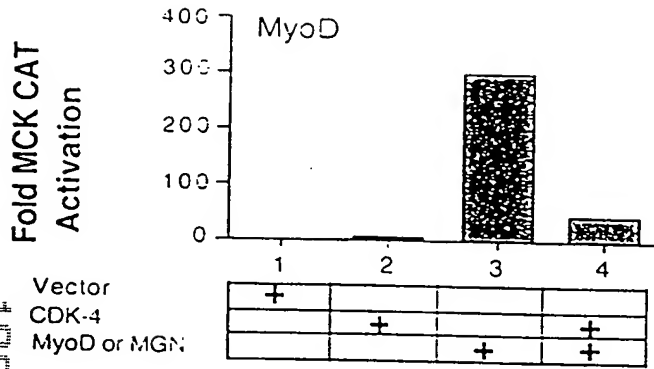


FIG. 5

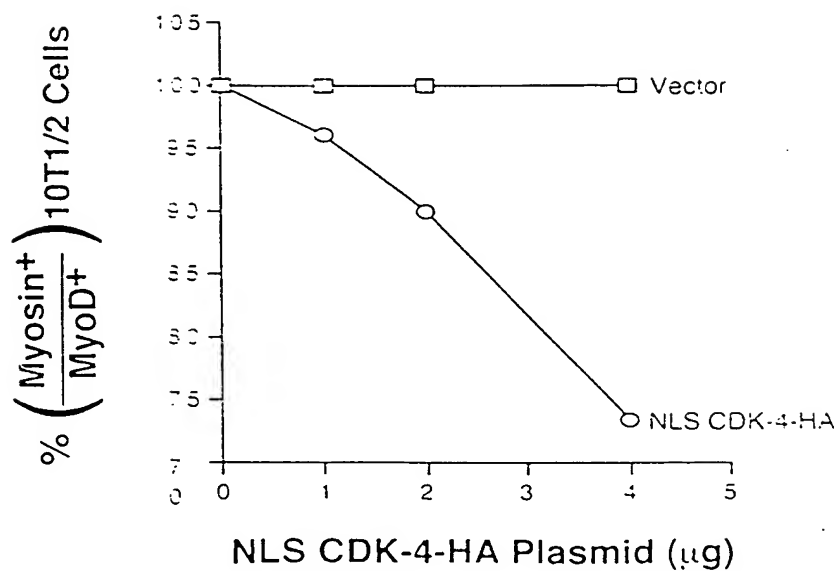


FIG. 6

10/018964

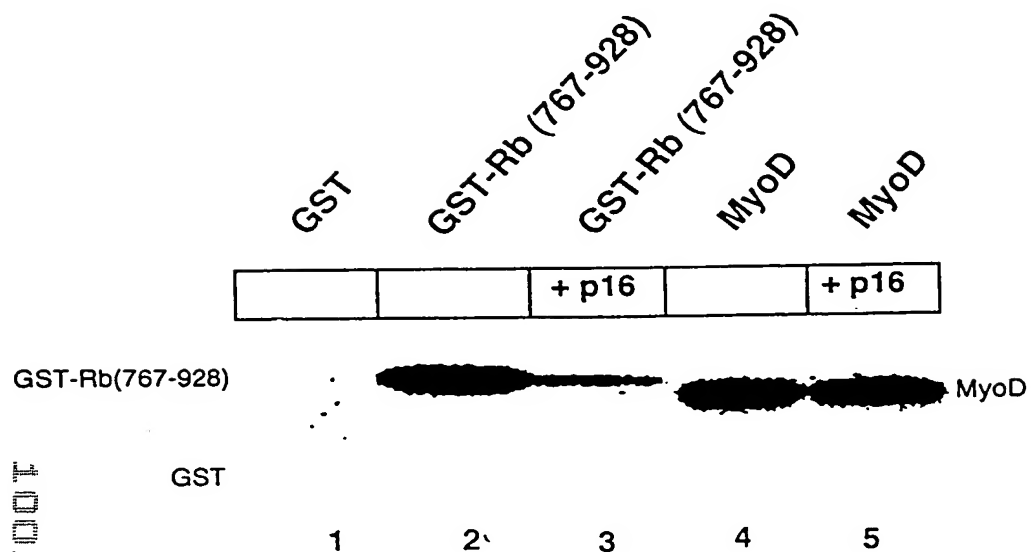
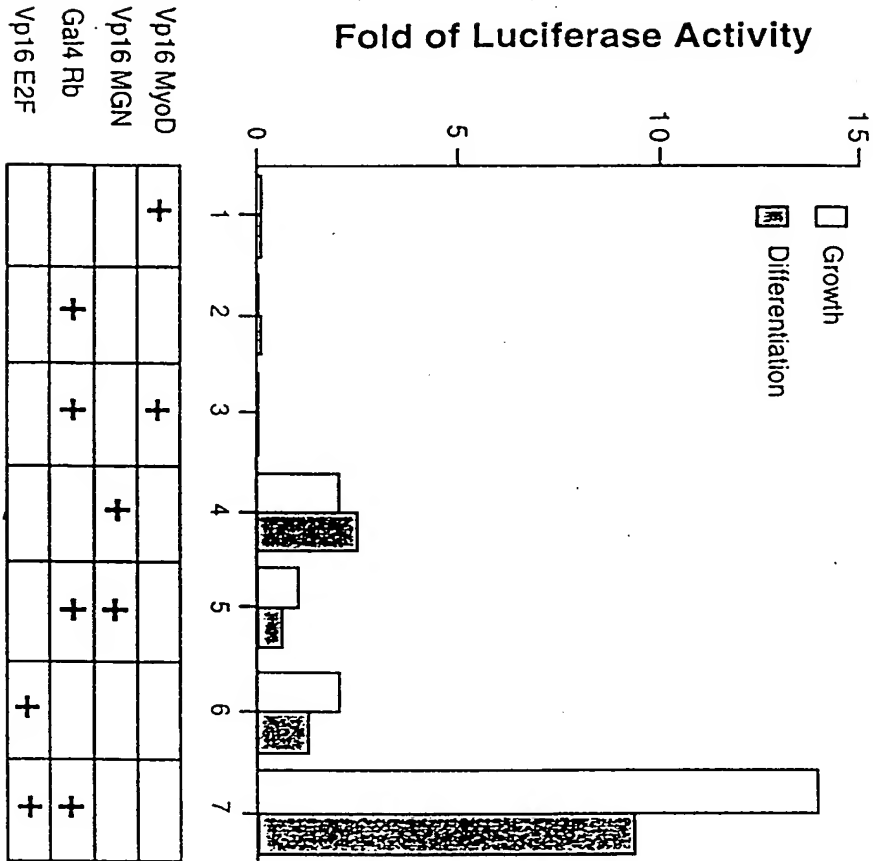


FIG. 7

10018964-04102

A



B

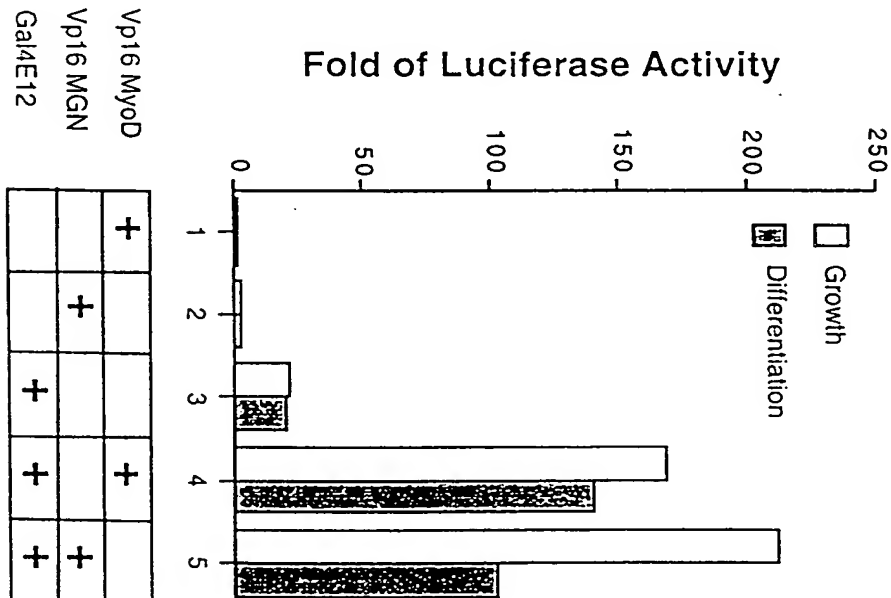


FIG. 8

GST-CMD

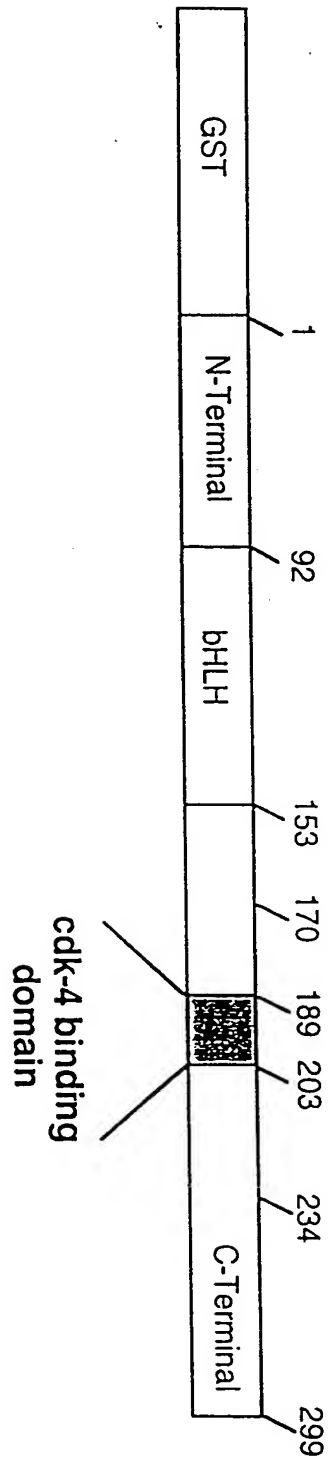


FIG. 9

10/018964

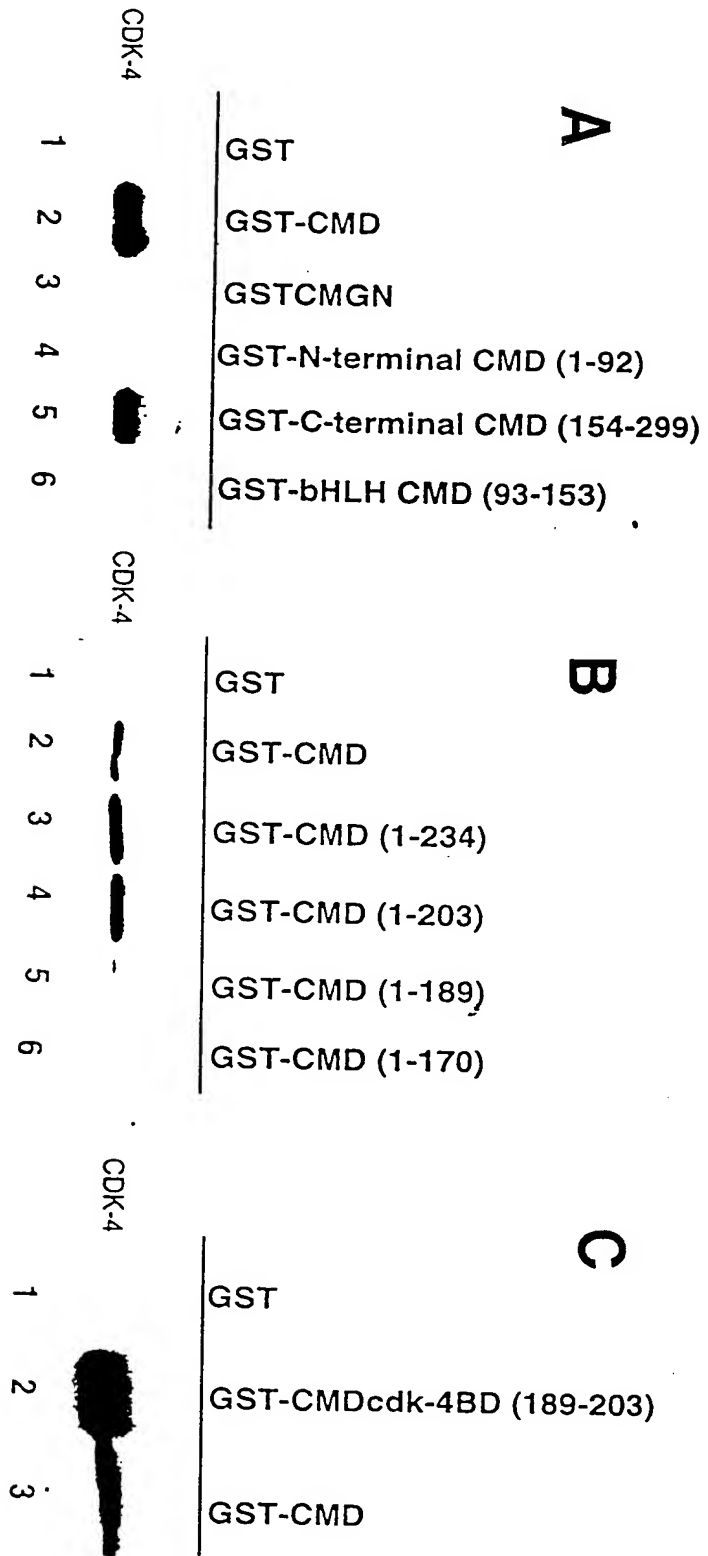
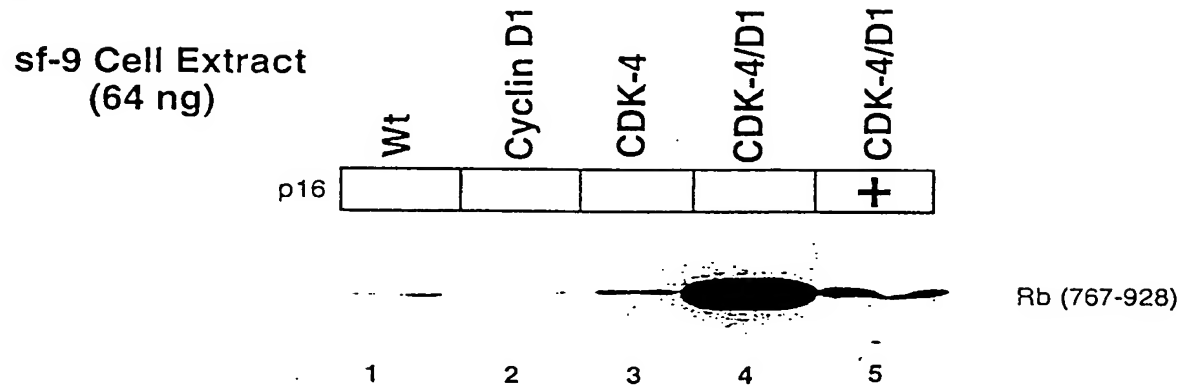


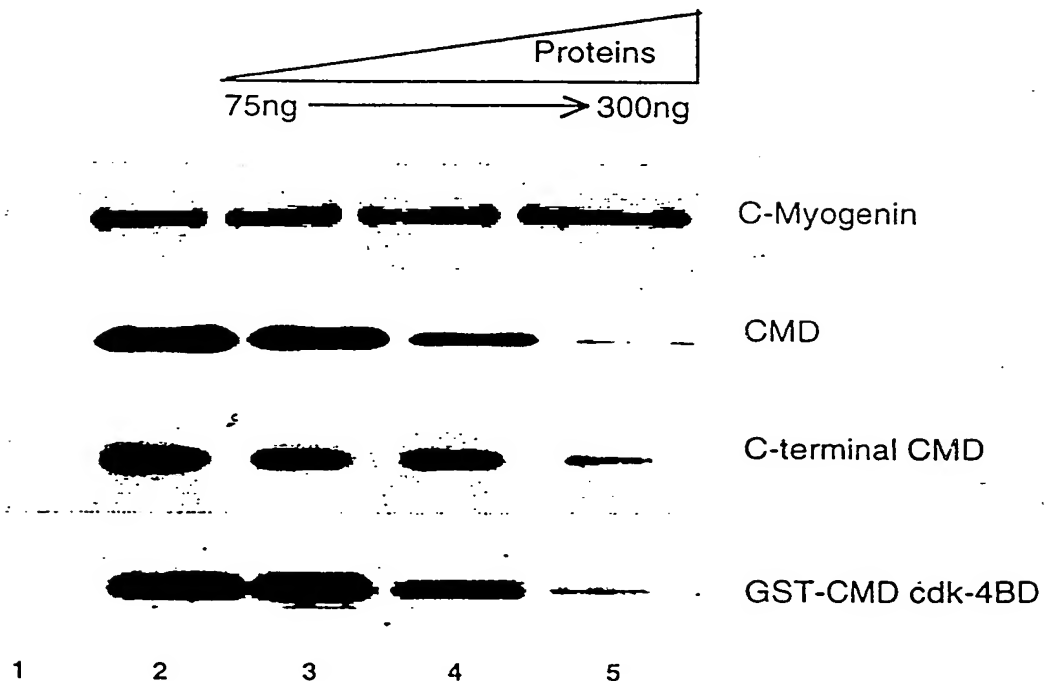
FIG. 10

2011-10-19 19:58:00

A



B



PO4-Rb(Anti-P780)

FIG. 11

10018964-041102

CDK-4 Binding	CMD aa	No. BrdU+ Cells 500 β -gal+ Cells (n=6)	%Inhibition
+	Vector	88.4 \pm 6.2	0 %
+	N-CMD bHLH C-CMD 1-299	37.1 \pm 4.2	58 %
-	N-CMD 1-92	86.8 \pm 4.8	2 %
-	bHLH 93-153	58.4 \pm 3.9	34 %
+	bHLH C-CMD 153-299	46.9 \pm 6.4	47 %
-	GST N-CMD 1-92	96.7 \pm 5.9	0 %
+	GST bHLH C-CMD 189-203	57.4 \pm 4.3	41 %

FIG. 12

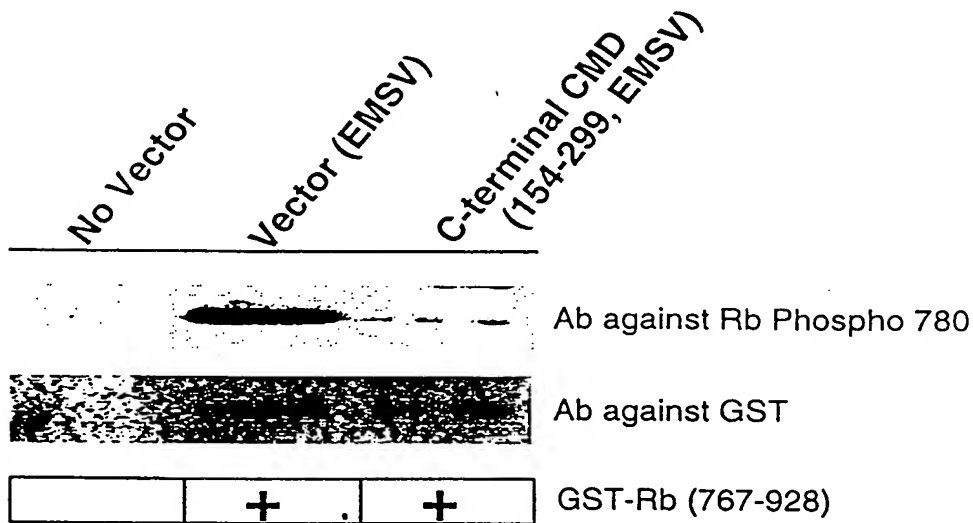


FIG. 13

10018964-041102

SPECIES

PEPTIDE SEQUENCE

Chicken

YSGPPCSSRRRNSYDS

Human

YSGPPSGARRRNCYEG

Rat

YSGPPSGPRRQNGYDA

Murine

YSGPPSGPRRQNGYDT

Pig

YSGPPSGARRRNCYDG

Consensus

YSGPPC/SG/S-RRR/QN-YD/E-

Xenopus-A

YNSPPCGSRRRNSYD

Xenopus-B

YNSPPCSSRRRNSYD

Zebra fish

FMGPTCQTRRRNSYD

FIG. 14

10018964-041102